## Amendments to the Claims:

Please cancel claims 1, 3, and 11, without prejudice.

Please amend claims 2, 4-6, 8-10, and 12, as specified in the following listing of claims.

The listing of claims given below will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (Canceled)
- 2. (Currently amended) The method as claimed in claim 1, A method for operating at least one low-pressure discharge lamp using an inverter, an occurrence of a rectifier effect in said at least one low-pressure discharge lamp being monitored during the operation of the at least one low-pressure discharge lamp in order to determine the end of its life, wherein for a purpose of monitoring said rectifier effect of the at least one low-pressure discharge lamp, a d.c. voltage drop across electric connections of said at least one low-pressure discharge lamp, an electric power fed into said inverter, or a first variable which is proportional thereto, and a second variable correlated with a running voltage of said at least one low-pressure discharge lamp are evaluated,

wherein said second variable correlated with the running voltage of the said at least one low-pressure discharge lamp is one of: (i) the an r.m.s. value of the an a.c. voltage component of the running voltage of said at least one low-pressure discharge lamp; and (ii) a constant value which corresponds to an average value of said running voltage which is characteristic of a lamp type of said at least one low-pressure discharge lamp.

- (Canceled)
- 4. (Currently amended) The method as claimed in claim 2, wherein the a product of the electric power fed into said inverter and the a quotient of the d.c. voltage drop across the electric connections of said at least one low-pressure discharge lamp and the second variable correlated with the running voltage of the at least one low-pressure discharge lamp is compared with a predetermined power value.
- 5. (Currently amended) The method as claimed in claim 2, wherein the a product of a predetermined power value and said second variable correlated with the running voltage of said at least one low-pressure discharge lamp is compared with the a product of the electric power fed into said inverter and the d.c. voltage drop across the electric connections of the at least one low-pressure discharge lamp.

6. (Currently amended) The method as claimed in claim 1, A method for operating at least one low-pressure discharge lamp using an inverter, an occurrence of a rectifier effect in said at least one low-pressure discharge lamp being monitored during the operation of the at least one low-pressure discharge lamp in order to determine the end of its life, wherein for a purpose of monitoring said rectifier effect of the at least one low-pressure discharge lamp, a d.c. voltage drop across electric connections of said at least one low-pressure discharge lamp, an electric power fed into said inverter, or a first variable which is proportional thereto, and a second variable correlated with a running voltage of said at least one low-pressure discharge lamp are evaluated,

wherein the electric power fed into said inverter, the d.c. voltage drop across the electric connections of said at least one low-pressure discharge lamp and the a r.m.s. value of the an a.c. voltage component of the running voltage of said at least one low-pressure discharge lamp are determined from measured values which are fed to a microcontroller, and a program-controlled evaluation is carried out by the microcontroller.

- 7. (Original) The method as claimed in claim 4, wherein the comparison is cyclically repeated during the lamp operation.
- 8. (Currently amended) The method as claimed in claim 7, wherein a counter operation is performed as a function of the <u>a</u> result of the comparison and a status bit is set or reset in the event of the counter overflowing.

- 9. (Currently amended) The method as claimed in elaim 1 claim 2, wherein the values, which are determined at different points in time in the lamp operation, for the a difference between the a product of the electric power fed into said inverter and of the d.c. voltage drop across the electric connections of the at least one low-pressure discharge lamp and the a product of a predetermined power value and of the second variable correlated with the running voltage of the at least one low-pressure discharge lamp are added up and evaluated.
- 10. (Currently amended) The method as claimed in claim 1 claim 2, wherein the electric power fed into said inverter is determined from the a voltage drop across a voltage divider which is arranged in parallel with the an input of said inverter, and from the a voltage drop across a resistor which is connected in series with an inverter transistor during a switching phase of said inverter and which at the same time has all of the a current of said inverter flowing through it.
- 11. (Canceled)

- 12. (Currently amended) An operating device for at least one low-pressure discharge lamp having
  - a half-bridge inverter, to which is connected a load circuit in which electric connections for <u>said</u> at least one low-pressure discharge lamp and at least one half-bridge capacitor are arranged,
  - a first measuring apparatus for measuring a first voltage which is proportional to the an electric power injected into said half-bridge inverter.
  - a second measuring apparatus for measuring a second voltage which is proportional to the a voltage drop across said at least one halfbridge capacitor,
  - a third measuring apparatus for measuring a third voltage which is proportional to the <u>a</u>
    r.m.s. value of the <u>a</u> running voltage of said at least one low-pressure discharge lamp,
  - a fourth measuring apparatus for measuring a fourth voltage which is proportional to the a supply voltage of said half-bridge inverter,
  - an evaluation unit which is connected to the outputs of said measuring apparatuses and comprises a program-controlled microcontroller and which serves the a purpose of evaluating said first voltage to said fourth voltage as well as of controlling said half-bridge inverter as a function of the a result of the evaluation.